

Method Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\
 Method File : PL062424.M
 Title : GC Extractables
 Last Update : Tue Jun 25 01:45:30 2024
 Response Via : Initial Calibration

Calibration Files

50 =PL090308.D 100 =PL090306.D 75 =PL090307.D
 25 =PL090309.D 5 =PL090310.D

	Compound	50	100	75	25	5	Avg	%RSD
1) SA	Tetrachloro-m-xylene	2.272	2.121	2.065	2.182	2.707	2.270	E6 11.30
2) A	alpha-BHC	3.149	3.047	2.922	2.929	3.636	3.137	E6 9.39
3) MA	gamma-BHC (Lindane)	3.014	2.907	2.803	2.813	3.493	3.006	E6 9.49
4) MA	Heptachlor	2.717	2.583	2.508	2.726	3.361	2.779	E6 12.18
5) MB	Aldrin	2.650	2.515	2.453	2.719	3.351	2.738	E6 13.10
6) B	beta-BHC	1.358	1.239	1.227	1.316	1.595	1.347	E6 11.07
7) B	delta-BHC	2.799	2.734	2.633	2.627	3.308	2.820	E6 10.00
8) B	Heptachlor epoxide	2.437	2.264	2.245	2.516	3.287	2.550	E6 16.78
9) A	Endosulfan I	2.266	2.109	2.086	2.296	3.017	2.355	E6 16.20
10) B	gamma-Chlordane	2.441	2.282	2.250	2.500	3.160	2.527	E6 14.62
11) B	alpha-Chlordane	2.416	2.258	2.226	2.450	3.121	2.494	E6 14.58
12) B	4,4'-DDE	2.133	2.019	1.978	2.114	2.671	2.183	E6 12.85
13) MA	Dieldrin	2.379	2.243	2.203	2.366	3.034	2.445	E6 13.82
14) MA	Endrin	2.093	1.971	1.937	2.031	2.568	2.120	E6 12.14
15) B	Endosulfan II	2.126	1.961	1.960	2.164	2.845	2.211	E6 16.58
16) A	4,4'-DDD	1.778	1.654	1.641	1.791	2.295	1.832	E6 14.63
17) MA	4,4'-DDT	1.863	1.754	1.728	1.881	2.369	1.919	E6 13.55
18) B	Endrin aldehyde	1.630	1.482	1.492	1.673	2.166	1.688	E6 16.57
19) B	Endosulfan Sulfate	1.921	1.742	1.755	1.962	2.523	1.981	E6 16.09
20) A	Methoxychlor	0.999	0.915	0.916	1.027	1.295	1.031	E6 15.16
21) B	Endrin ketone	2.107	1.965	1.953	2.128	2.693	2.169	E6 13.99
22)	Mirex	1.679	1.522	1.530	1.739	2.222	1.739	E6 16.47
23)	Chlordane-1	0.922	0.897	0.906	1.009	1.193	0.985	E5 12.63
24)	Chlordane-2	1.087	1.022	1.030	1.347	1.446	1.186	E5 16.58
25)	Chlordane-3	3.371	3.383	3.321	3.674	4.634	3.677	E5 15.03
26)	Chlordane-4	4.128	4.109	4.058	4.439	5.572	4.461	E5 14.32
27)	Chlordane-5	0.858	0.815	0.831	0.934	1.067	0.901	E5 11.50
28) SA	Decachlorobiphenyl	1.516	1.391	1.392	1.539	1.874	1.542	E6 12.83

Signal #2 Calibration Files

50 =PL090308.D 100 =PL090306.D 75 =PL090307.D
 25 =PL090309.D 5 =PL090310.D

	Compound	50	100	75	25	5	Avg	%RSD
1) SA	Tetrachloro-m-xylene	1.617	1.570	1.503	1.477	1.741	1.582	E6 6.61
2) A	alpha-BHC	2.349	2.404	2.258	2.037	2.129	2.236	E6 6.80
3) MA	gamma-BHC (Lindane)	2.226	2.245	2.129	1.946	2.144	2.138	E6 5.55
4) MA	Heptachlor	2.130	2.125	2.028	1.936	2.176	2.079	E6 4.64
5) MB	Aldrin	2.032	2.052	1.957	1.825	2.026	1.978	E6 4.69
6) B	beta-BHC	0.972	0.924	0.902	0.919	1.109	0.965	E6 8.75
7) B	delta-BHC	2.111	2.164	2.035	1.841	1.993	2.029	E6 6.12
8) B	Heptachlor epoxide	1.855	1.827	1.773	1.741	1.991	1.837	E6 5.26
9) A	Endosulfan I	1.740	1.713	1.668	1.645	1.886	1.730	E6 5.46
10) B	gamma-Chlordane	1.933	1.930	1.866	1.798	2.056	1.917	E6 4.98
11) B	alpha-Chlordane	1.928	1.915	1.854	1.811	2.069	1.915	E6 5.13
12) B	4,4'-DDE	1.689	1.724	1.654	1.544	1.671	1.657	E6 4.12
13) MA	Dieldrin	1.872	1.888	1.821	1.731	1.910	1.844	E6 3.86
14) MA	Endrin	1.672	1.691	1.623	1.561	1.721	1.654	E6 3.80
15) B	Endosulfan II	1.644	1.618	1.579	1.566	1.798	1.641	E6 5.69
16) A	4,4'-DDD	1.381	1.402	1.349	1.292	1.429	1.371	E6 3.85
17) MA	4,4'-DDT	1.498	1.537	1.473	1.407	1.486	1.480	E6 3.20
18) B	Endrin aldehyde	1.257	1.221	1.200	1.232	1.456	1.273	E6 8.17
19) B	Endosulfan Sulfate	1.559	1.522	1.496	1.511	1.730	1.564	E6 6.14
20) A	Methoxychlor	8.293	8.001	7.889	8.285	9.246	8.343	E5 6.41
21) B	Endrin ketone	1.807	1.772	1.742	1.734	1.898	1.791	E6 3.72
22)	Mirex	1.486	1.412	1.405	1.515	1.817	1.527	E6 11.07

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	Compound	50	100	75	25	5	Avg		%RSD
23)	Chlordane-1	5.778	5.908	5.788	6.092	6.877	6.089	E4	7.53
24)	Chlordane-2	6.636	6.513	6.526	7.204	8.454	7.067	E4	11.68
25)	Chlordane-3	1.933	2.078	1.974	1.966	2.144	2.019	E5	4.38
26)	Chlordane-4	1.833	1.913	1.888	1.840	2.073	1.909	E5	5.09
27)	Chlordane-5	5.647	5.715	5.597	6.052	5.570	5.716	E4	3.43
28) SA	Decachlorobiphenyl	1.472	1.405	1.395	1.479	1.708	1.492	E6	8.51

(#) = Out of Range